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**-REMARKS -**

In the Non-Final Office Action, Examiner Rampuria rejected pending claims 1-18 on various grounds. The Applicant responds to each rejection as subsequently recited herein, and respectfully requests reconsideration and further examination of the present application under 37 CFR § 1.112:

- A. Examiner Rampuria rejected independent claim 1 under 35 U.S.C. §102(a) as being anticipated by U.S. Patent No. 5,467,324 to *Houlihan*

The Applicant has thoroughly considered Examiner Rampuria's remarks concerning the patentability of independent claim 1 over *Houlihan*. The Applicant has also thoroughly read *Houlihan*.

In paragraph 10 of the Non-Final Office Action, Examiner Rampuria correctly recognized the failure of *Houlihan* to disclose, teach or suggest a microphone mounted to a physically-shortened antenna. The Applicant has therefore amended independent claim 1 to recite "wherein said physically-shortened electric antenna is mounted on said casing", and "wherein said microphone is mounted on said physically-shortened antenna".

Withdrawal of the rejection of independent claim 1 under U.S.C. §102(a) as being anticipated by *Houlihan* is therefore respectfully requested.

- B. Examiner Rampuria rejected pending claims 5, 7, 9, 10, 14, 17 and 18 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,467,324 to *Houlihan*, in view of Japanese Patent No. 08162820 A to *Uno*

Claims 5, 7 and 9. Claims 5, 7 and 9 depend from amended independent claim 1. Therefore, dependent claims 5, 7 and 9 include all of the elements and limitations of amended independent claim 1. It is therefore respectfully submitted by the Applicant that

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dependent claims 5, 7 and 9 are allowable over *Houlihan* in view of *Uno* for at least the same reason as set forth herein with respect to amended independent claim 1 being allowable over *Houlihan*. Withdrawal of the rejection of dependent claims 5, 7 and 9 under U.S.C. §103(a) as being unpatentable over *Houlihan* in view of *Uno* is therefore respectfully requested.

Claims 10, 14, 17 and 18. The Applicant has thoroughly considered Examiner Rampuria's remarks concerning the patentability of claims 10, 14, 17 and 19 over *Houlihan* in view of *Uno*. The Applicant has also thoroughly read *Houlihan* and *Uno*. To warrant this 35 U.S.C. §103(a) rejection of claims 10, 14, 17 and 18, all the claim limitations recited in independent claim 10 must be taught or suggested by the combination of *Houlihan* and *Uno*. See, MPEP §2143. The Applicant respectfully traverses this §103(a) rejection of independent claim 10, because *Houlihan* and *Uno* in combination fails to disclose, teach or suggest "a microphone mounted on said physically-shortened electric antenna" as recited in dependent claim 10.

As to the traversal, in paragraph 10 of the Non-Final Office Action, Examiner Rampuria correctly recognized the failure of *Houlihan* to disclose, teach or suggest a microphone mounted to a physically-shortened antenna. However, a careful reading of *Uno* reveals that *Uno* also fails to disclose, teach or suggest a microphone mounted to a physically-shortened antenna. Specifically, *Uno* teaches a microphone 5 having an arm 6 mounted to a casing, and an antenna 2/2b mounted to arm 6 of the microphone 5. See, the Constitution of *Uno*. *Uno* fails to teach antenna 2/2b mounted to the casing, and arm 6 of microphone 5 mounted to antenna 2/2b.

Withdrawal of the rejection of independent claim 10 under U.S.C. §103(a) as being unpatentable over *Houlihan* in view of *Uno* is therefore respectfully requested.

Claims 14, 17 and 18 depend from independent claim 10. Therefore, dependent claims 14, 17 and 18 include all of the elements and limitations of independent claim 10. It is therefore respectfully submitted by the Applicant that dependent claims 14, 17 and

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18 are allowable over *Houlihan* in view of *Uno* for at least the same reason as set forth herein with respect to independent claim 10 being allowable over *Houlihan*. Withdrawal of the rejection of dependent claims 14, 17 and 18 under U.S.C. §103(a) as being unpatentable over *Houlihan* in view of *Uno* is therefore respectfully requested.

- C. Examiner Rampuria rejected pending claim 2 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,467,324 to *Houlihan* in view of U.S. Patent No. 6,192,253 B1 to *Charlier et al.*

Claim 2 depends from amended independent claim 1. Therefore, dependent claim 2 includes all of the elements and limitations of amended independent claim 1. It is therefore respectfully submitted by the Applicant that dependent claim 2 is allowable over *Houlihan* in view of *Charlier* for at least the same reason as set forth herein with respect to amended independent claim 1 being allowable over *Houlihan*. Withdrawal of the rejection of dependent claim 2 under U.S.C. §103(a) as being unpatentable over *Houlihan* in view of *Charlier* is therefore respectfully requested.

- D. Examiner Rampuria rejected pending claim 11 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,467,324 to *Houlihan* in view of Japanese Patent No. JP408162820A to *Uno* and in further view of U.S. Patent No. 6,192,253 B1 to *Charlier et al.*

Claim 11 depends from independent claim 10. Therefore, dependent claim 11 includes all of the elements and limitations of independent claim 10. It is therefore respectfully submitted by the Applicant that dependent claim 11 is allowable over *Houlihan* in view of *Uno* and in further view of *Charlier* for at least the same reason as set forth herein with respect to independent claim 10 being allowable over *Houlihan* in view of *Uno*. Withdrawal of the rejection of dependent claim 11 under U.S.C. §103(a) as being unpatentable over *Houlihan* in view of *Uno* and in further view of *Charlier* is therefore respectfully requested.

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- E. Examiner Rampuria rejected pending claim 3 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,467,324 to *Houlihan* in view of U.S. Patent No. 6,429,829 B1 to *Hirai et al.*

Claim 3 depends from amended independent claim 1. Therefore, dependent claim 3 includes all of the elements and limitations of amended independent claim 1. It is therefore respectfully submitted by the Applicant that dependent claim 3 is allowable over *Houlihan* in view of *Hirai* for at least the same reason as set forth herein with respect to amended independent claim 1 being allowable over *Houlihan*. Withdrawal of the rejection of dependent claim 3 under U.S.C. §103(a) as being unpatentable over *Houlihan* in view of *Hirai* is therefore respectfully requested.

- F. Examiner Rampuria rejected pending claim 12 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,467,324 to *Houlihan* in view of Japanese Patent No. JP408162820A to *Uno* and in further view of U.S. Patent No. 6,429,829 B1 to *Hirai et al.*

Claim 12 depends from independent claim 10. Therefore, dependent claim 12 includes all of the elements and limitations of independent claim 10. It is therefore respectfully submitted by the Applicant that dependent claim 12 is allowable over *Houlihan* in view of *Uno* and in further view of *Hirai* for at least the same reason as set forth herein with respect to independent claim 10 being allowable over *Houlihan* in view of *Uno*. Withdrawal of the rejection of dependent claim 12 under U.S.C. §103(a) as

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being unpatentable over *Houlihan* in view of *Uno* and in further view of *Hirai* is therefore respectfully requested.

- G. Examiner Rampuria rejected pending claim 4 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,467,324 to *Houlihan* in view of PCT Publication WO 00/13329 to *Barnard*

Claim 4 depends from amended independent claim 1. Therefore, dependent claim 4 includes all of the elements and limitations of amended independent claim 1. It is therefore respectfully submitted by the Applicant that dependent claim 4 is allowable over *Houlihan* in view of *Barnard* for at least the same reason as set forth herein with respect to amended independent claim 1 being allowable over *Houlihan*. Withdrawal of the rejection of dependent claim 4 under U.S.C. §103(a) as being unpatentable over *Houlihan* in view of *Barnard* is therefore respectfully requested.

- H. Examiner Rampuria rejected pending claim 13 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,467,324 to *Houlihan* in view of Japanese Patent No. JP408162820A to *Uno* and in further view of PCT Publication WO 00/13329 to *Barnard*

Claim 13 depends from independent claim 10. Therefore, dependent claim 13 includes all of the elements and limitations of independent claim 10. It is therefore respectfully submitted by the Applicant that dependent claim 13 is allowable over *Houlihan* in view of *Uno* and in further view of *Barnard* for at least the same reason as set forth herein with respect to independent claim 10 being allowable over *Houlihan* in view of *Uno*. Withdrawal of the rejection of dependent claim 13 under U.S.C. §103(a) as being unpatentable over *Houlihan* in view of *Uno* and in further view of *Barnard* is therefore respectfully requested.

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- I. Examiner Rampuria rejected pending claims 6 and 8 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,467,324 to *Houlihan* in view of Great Britain Patent 2036447 to *McLean*

Claims 6 and 8 depend from amended independent claim 1. Therefore, dependent claims 6 and 8 include all of the elements and limitations of amended independent claim 1. It is therefore respectfully submitted by the Applicant that dependent claims 6 and 8 are allowable over *Houlihan* in view of *McLean* for at least the same reason as set forth herein with respect to amended independent claim 1 being allowable over *Houlihan*. Withdrawal of the rejection of dependent claims 6 and 8 under U.S.C. §103(a) as being unpatentable over *Houlihan* in view of *McLean* is therefore respectfully requested.

- J. Examiner Rampuria rejected pending claims 15 and 16 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,467,324 to *Houlihan* in view of Japanese Patent No. JP408162820A to *Uno* and in further view of Great Britain Patent 2036447 to *McLean*

Claims 15 and 16 depend from independent claim 10. Therefore, dependent claims 15 and 16 include all of the elements and limitations of independent claim 10. It is therefore respectfully submitted by the Applicant that dependent claims 15 and 16 are allowable over *Houlihan* in view of *Uno* and in further view of *McLean* for at least the same reason as set forth herein with respect to independent claim 10 being allowable over *Houlihan* in view of *Uno*. Withdrawal of the rejection of dependent claims 15 and 16 under U.S.C. §103(a) as being unpatentable over *Houlihan* in view of *Uno* and in further view of *McLean* is therefore respectfully requested.

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**SUMMARY**

Examiner Rampuria's anticipation and obviousness rejections of claims 1-18 have been obviated by the amendment of independent claim 1 herein and the support for the allowance of independent claim 10 herein. The Applicant respectfully submits that claims 1-18 as amended herein fully satisfy the requirements of 35 U.S.C. §§ 102, 103 and 112. In view of the foregoing, favorable consideration and early passage to issue of the present application is respectfully requested. If any points remain in issue that may best be resolved through a personal or telephonic interview, Examiner Rampuria is respectfully requested to contact the undersigned at the telephone number listed below.

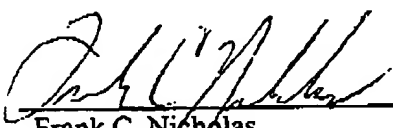
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Respectfully submitted,  
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